

FIGURE 1A

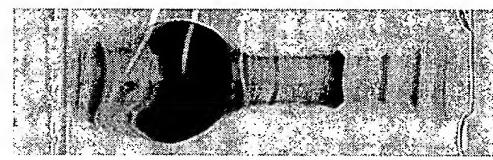
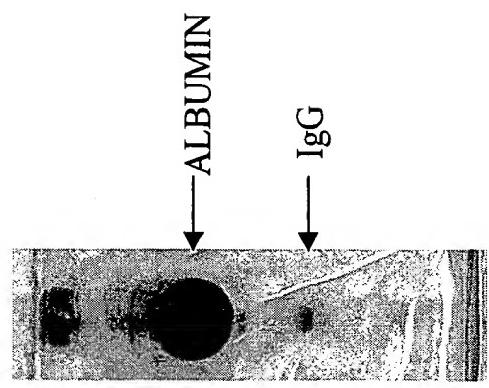


FIGURE 1B



SDS

CHAPS

Igepal

Urea

DTT

FIGURE 2A

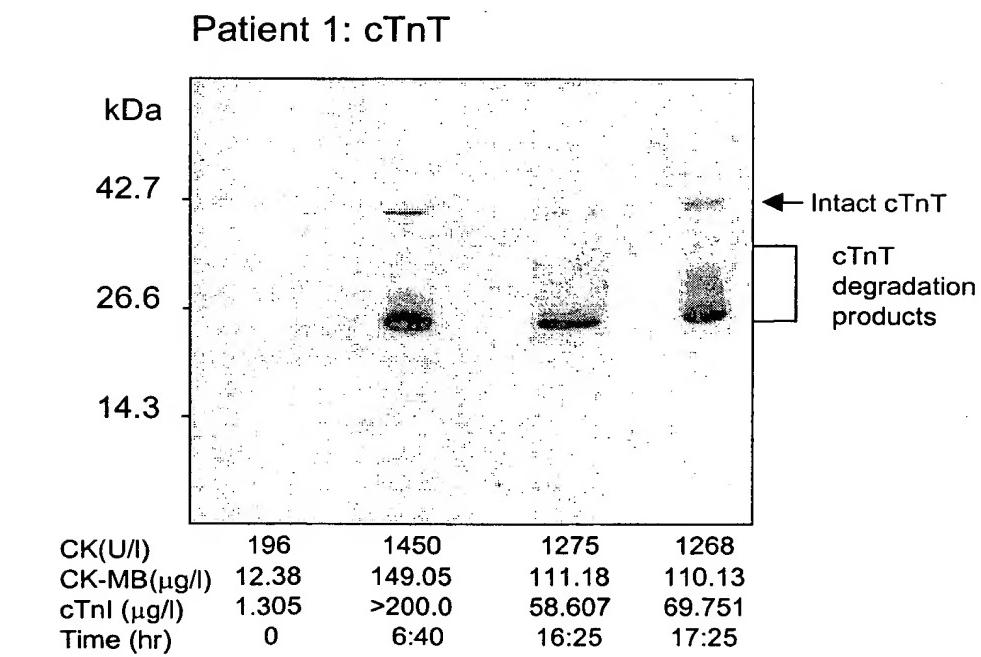
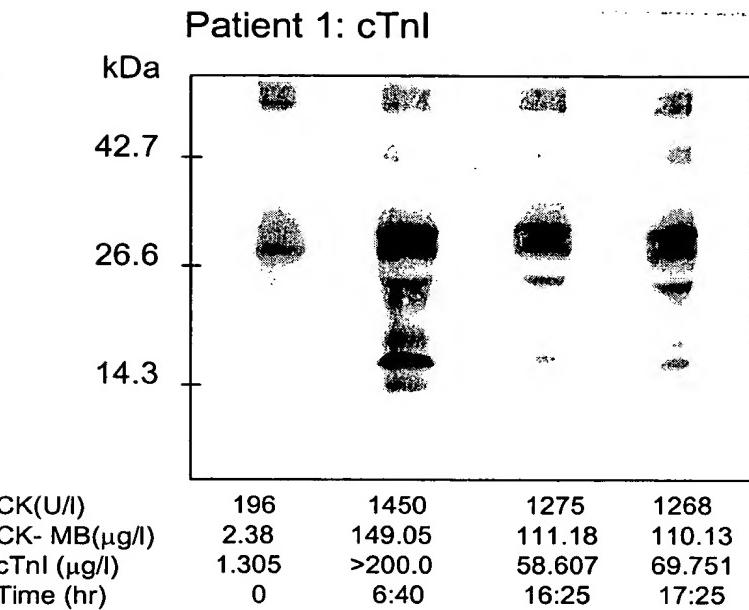
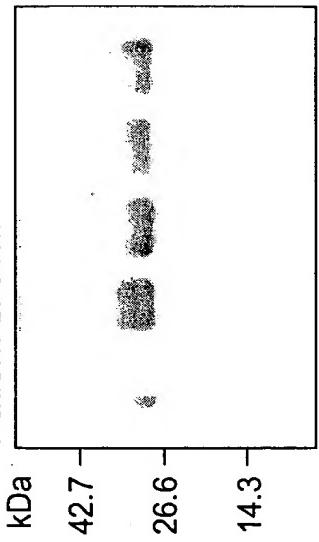
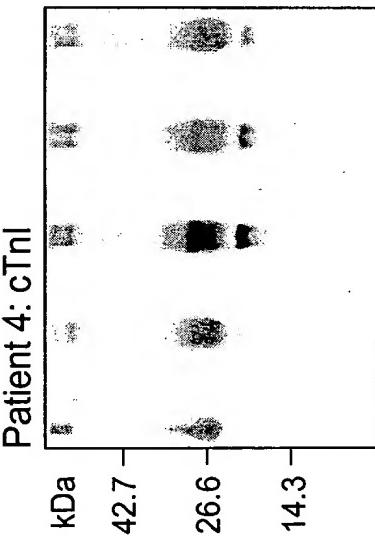


FIGURE 2B
Patient 2: cTnI



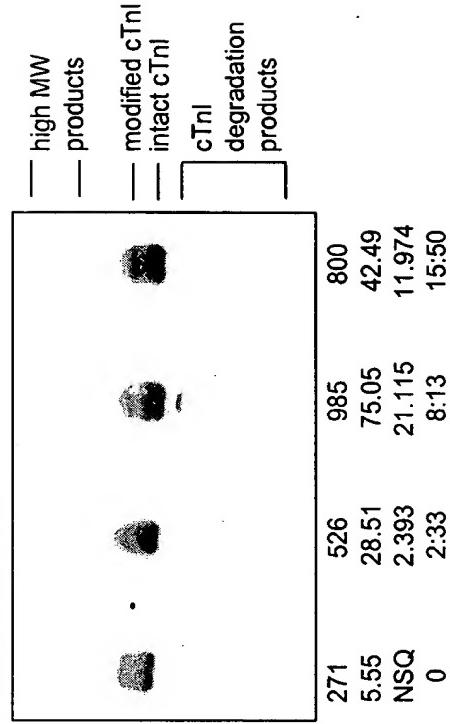
88	292	273	169	151
2.93	25.81	35.44	23.81	25.59
1.038	4.314	9.440	3.617	3.258
0	4:43	9:44	13:01	16:16

FIGURE 2D



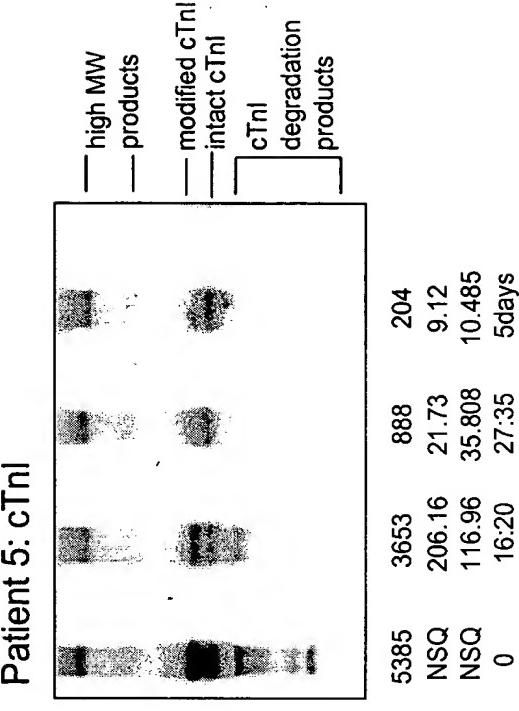
35	569	2371	2312	NSQ
0.33	72.89	287.90	90.45	24.72
<0.100	7.992	129.03	87.024	36.633
0	3.26	9.46	23.44	3days

FIGURE 2C
Patient 3: cTnI



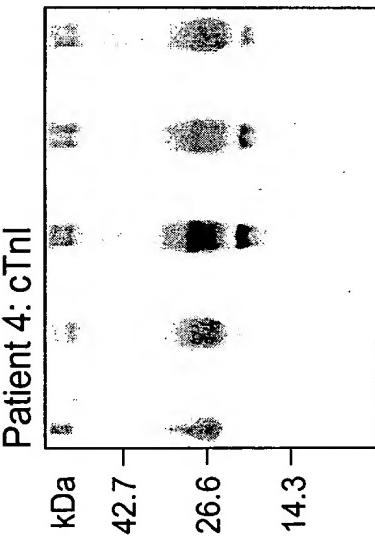
88	292	273	169	151
2.93	25.81	35.44	23.81	25.59
1.038	4.314	9.440	3.617	3.258
0	4:43	9:44	13:01	16:16

FIGURE 2E



88	292	273	169	151
2.93	25.81	35.44	23.81	25.59
1.038	4.314	9.440	3.617	3.258
0	4:43	9:44	13:01	16:16

FIGURE 2F
Patient 5: cTnI



88	292	273	169	151
2.93	25.81	35.44	23.81	25.59
1.038	4.314	9.440	3.617	3.258
0	4:43	9:44	13:01	16:16

Legend:

- high MW products
- modified cTnI
- intact cTnI
- █ cTnI degradation products

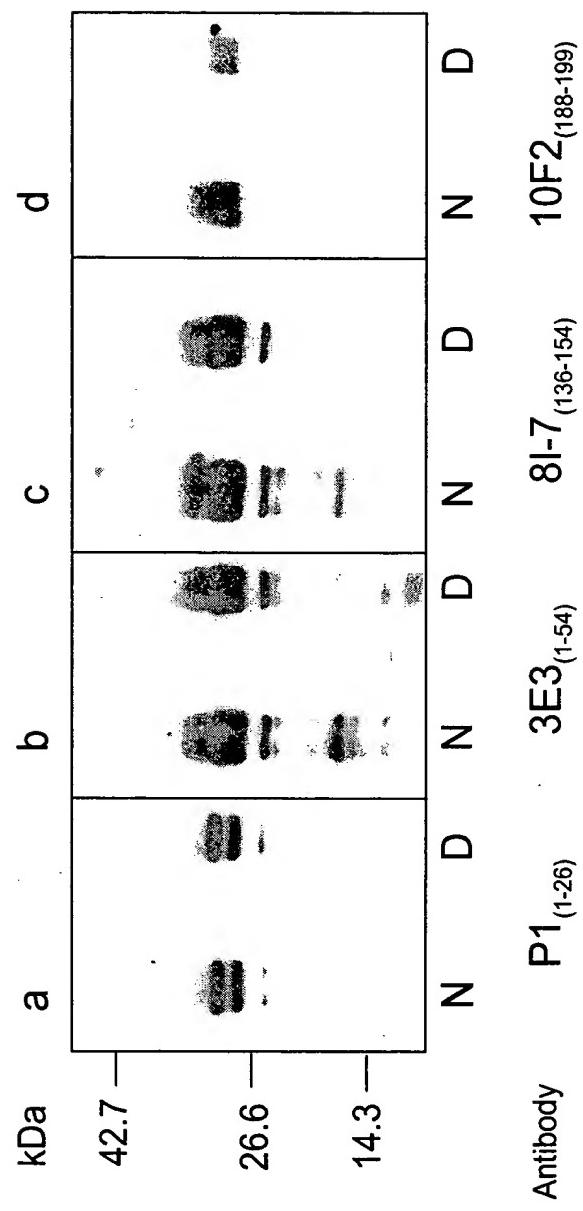
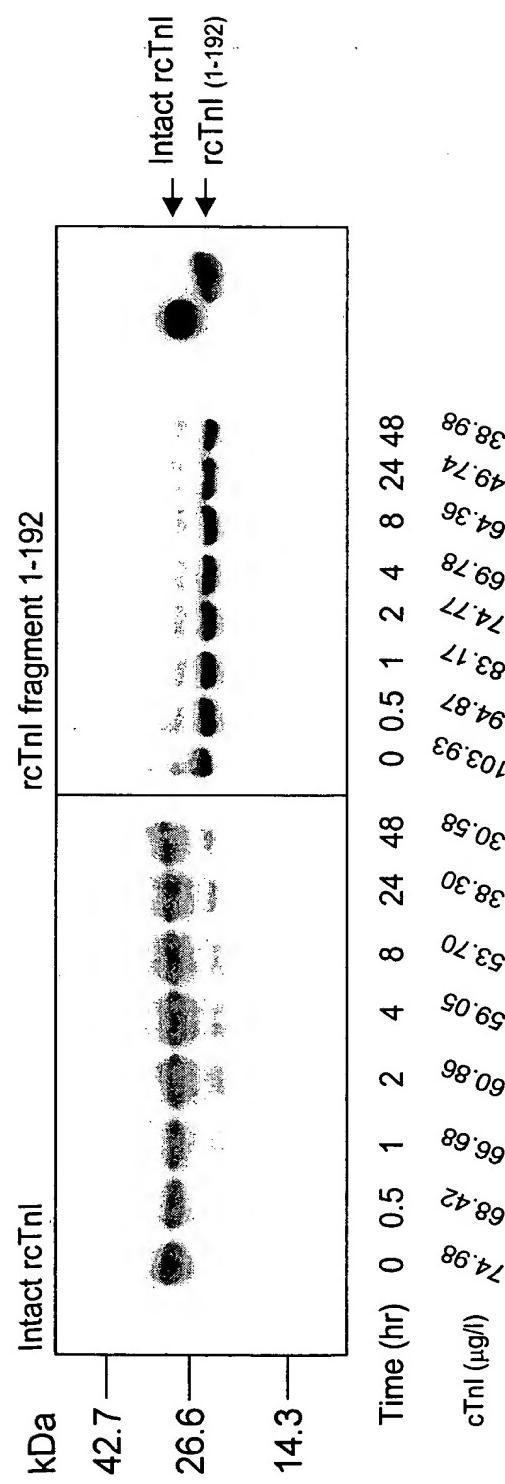
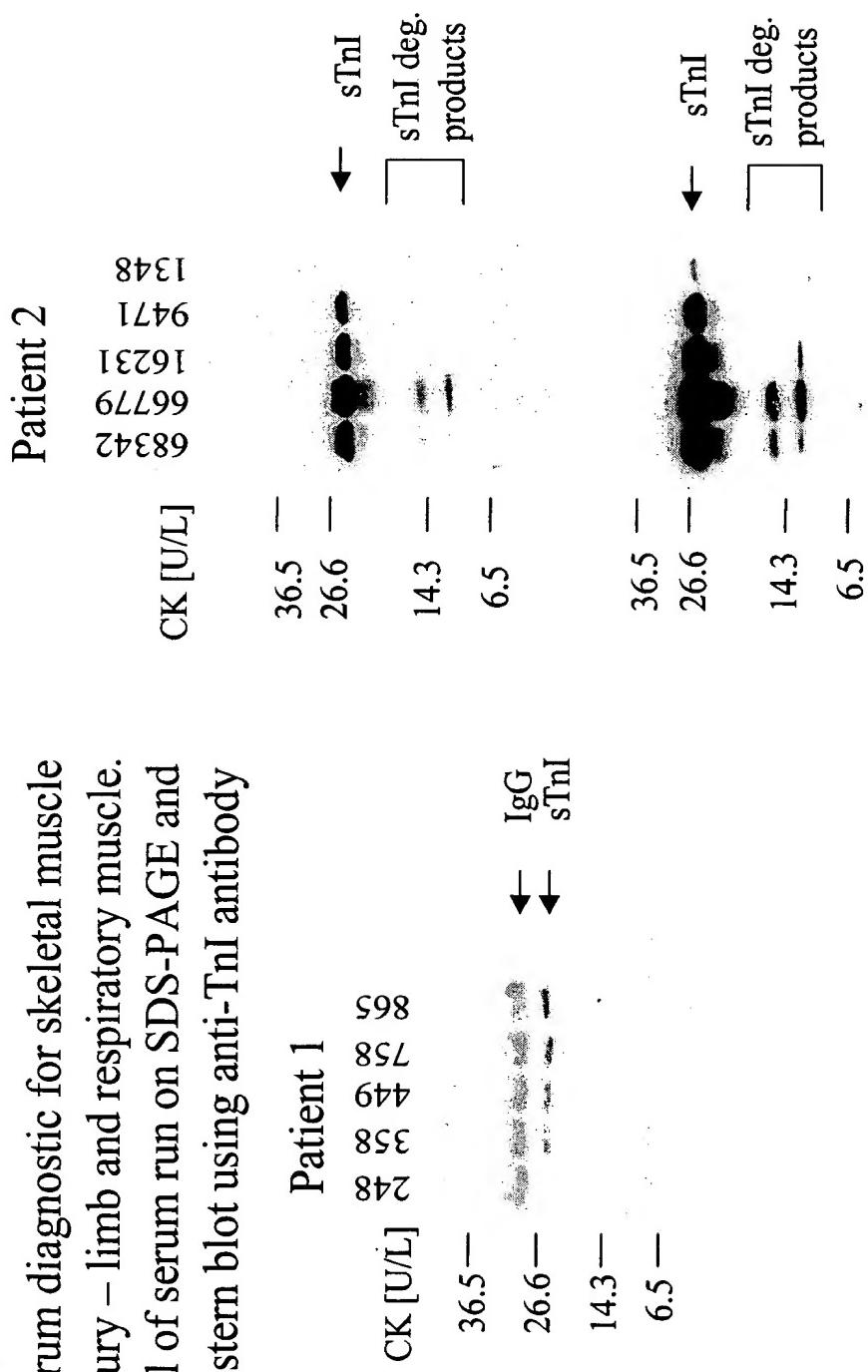


FIGURE 3

FIGURE 4



Serum diagnostic for skeletal muscle injury – limb and respiratory muscle.
 $2\mu\text{l}$ of serum run on SDS-PAGE and western blot using anti-TnI antibody



Longer exposure

FIGURE 5

Appearance of Troponin I Degradation Products in Serum of Patients given Anti-Thrombolytic Therapy Demonstrates that cTnI is Modified in the Myocardium Prior to Release into the Circulation

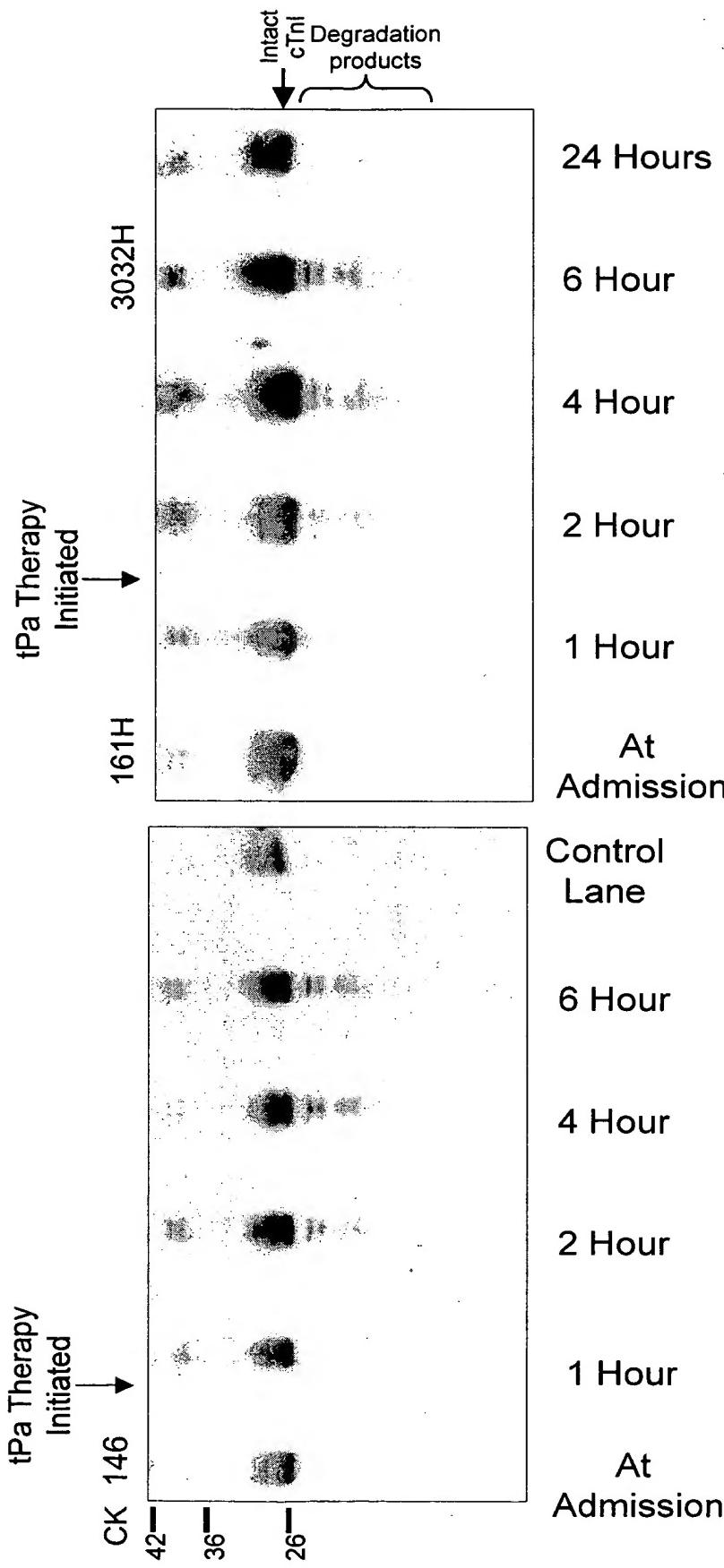


FIGURE 6

H refers to samples that were hemolyzed

Respiratory patient

Rhabdomyolysis patient

FIGURE 7A
mAb : F-32

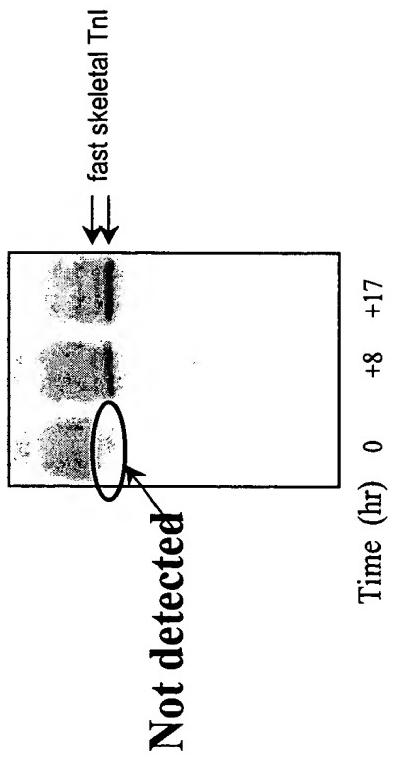


FIGURE 7B
mAb : F-32

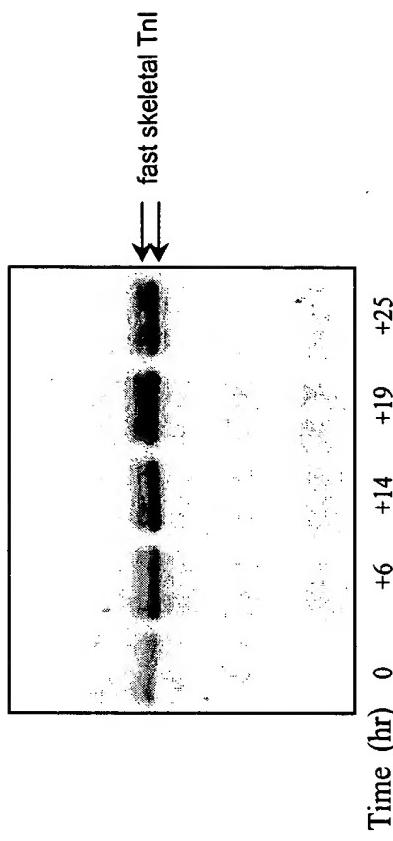


FIGURE 7C
mAb : 3I-35

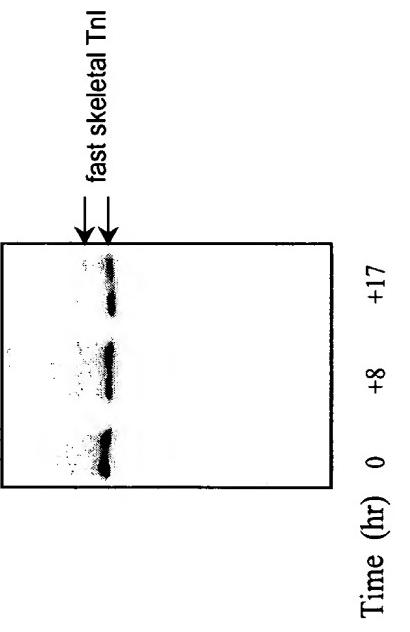
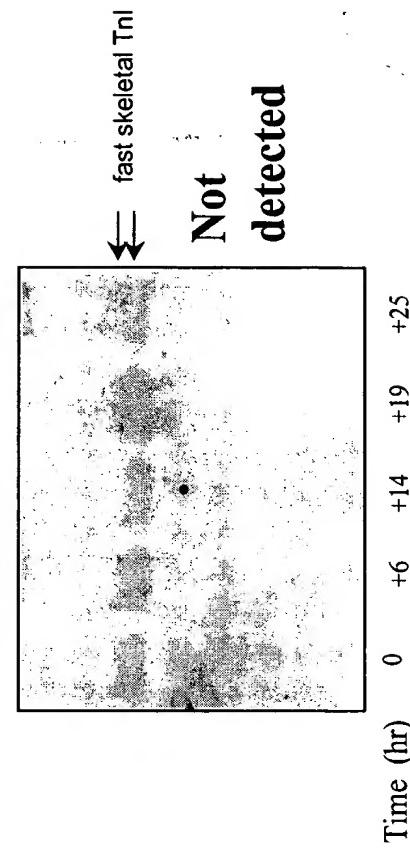
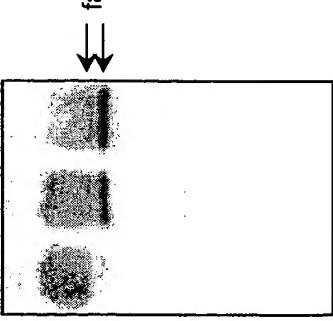


FIGURE 7D
mAb : 3I-35



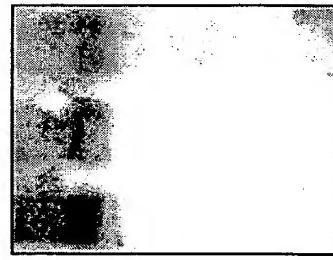
Respiratory patient

FIGURE 8A
Fast skeletal TnI mAb



Time (hr) 0 +8 +17

FIGURE 8C
Slow skeletal TnI mAb

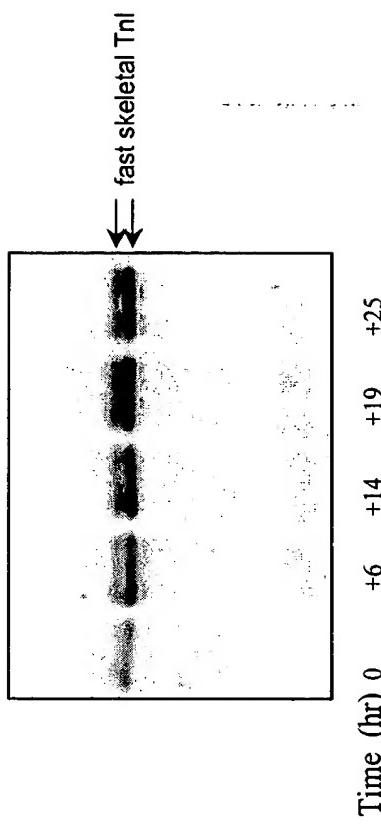


Time (hr) 0 +8 +17

← slow skeletal TnI
Not detected

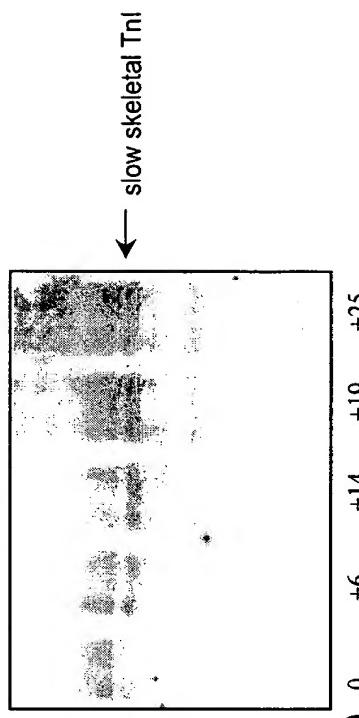
Rhabdomyolysis patient

FIGURE 8B
Fast skeletal TnI mAb



Time (hr) 0 +6 +14 +19 +25

FIGURE 8D
Slow skeletal TnI mAb



Time (hr) 0 +6 +14 +19 +25

← slow skeletal TnI

Rhabdomyolysis patient

FIGURE 9A
Fast skeletal TnI

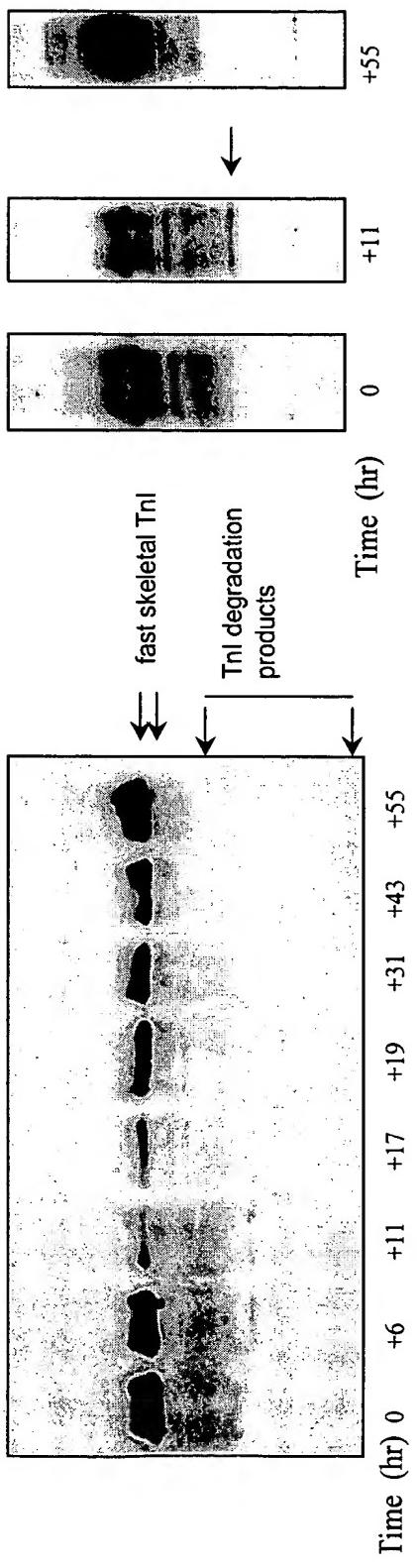


FIGURE 9B
Prolonged exposure

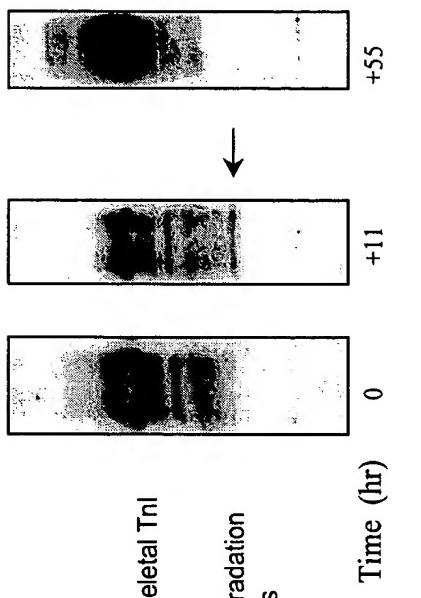


FIGURE 9C
Slow skeletal TnI

